

Converting Colors

HunterLab(64.7552, -42.8781,
11.6230)

Have a look what the booklet for
HunterLab(64.7552, -42.8781,
11.6230) contains.

HunterLab(64.6373, -42.7238, 11.4374)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(64.6373,
-42.7238, 11.4374)**

Conversions

Conversions Part 1

Format	Color
Hex	00C499
RGB	0, 196, 153
RGB Percent	0%, 77%, 60%
CMY	0.9999, 0.2314, 0.4000
CMYK	1.00, 0.00, 0.22, 0.23
HSL	167°, 100%, 38%
HSV	167°, 100%, 77%
XYZ	25.4897, 41.7798, 36.8579
YIQ	132.4940, -103.0130, -54.9250

Conversions

Conversions Part 2

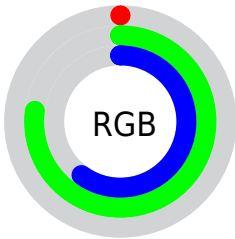
Format	Color
RYB	0, 110, 196
Decimal	50329
CIELab	70.72, -51.35, 10.13
CIELCh	71, 52.340, 168.841
Yxy	41.7814, 0.2448, 0.4012
Android (android.graphics.Color)	4278240409 (0xFF00C499)
YUV	132.4940, 10.1095, -116.1972
Hunter-Lab	64.6373, -42.7238, 11.4374

Details

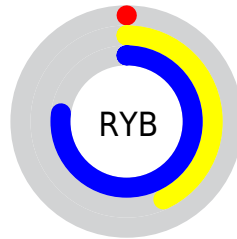
The HunterLab color **64.6373, -42.7238, 11.4374** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.5128, 59.6062, 18.3796**, and the grayscale version is **48.2247, -2.5731, 2.6201**.

A 20% lighter version of the original color is **88.3730, -49.7019, 13.9804**, and **44.7315, -30.7010, 10.3643** is the 20% darker color. If you saturate the color by 10%, you get **64.6383, -42.7255, 11.4398**, and if you desaturate by 10%, it is **64.8620, -41.5900, 9.9576**.

Distribution



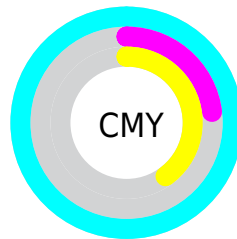
- Red (0%)
- Green (77%)
- Blue (60%)



- Red (0%)
- Yellow (43%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)





- Cyan (100%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6373, -42.7238, 11.4374 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 64.6373, -42.7238, 11.4374 by changing the saturation by 10% instead.


 64.6373, -42.7238,
11.4374


 64.6373, -42.7238,
11.4374


188.0362,
-70.3104, 21.9444


 53.7868, -39.1240,
10.3097


 88.2433, -49.4625,
13.7034


 43.6211, -35.3160,
9.1778


 100.9324,
-52.6556, 14.8465


 34.1914, -31.2385,
8.0343


 114.1775,
-55.7574, 15.9993

 25.5603, -26.7989,
6.8664

 127.9561,
-58.7822, 17.1631

 17.8101, -21.8515,
5.6524

 142.2482,
-61.7414, 18.3388

 11.0552, -19.3466,
4.6067

157.0361,

 2.8232, -4.9406,

-64.6443, 19.5273

1.9762

172.3036,
-67.4985, 20.7290

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6373, -42.7238,
11.4374

■ 64.6373, -42.7238,
11.4374

■ 64.6383, -42.7255,
11.4398

■ 64.8620, -41.5900,
9.9576

■ 65.2009, -39.9861,
8.5609

■ 65.6928, -37.7722,
7.2999

■ 66.3544, -34.8992,
6.2043

■ 67.1976, -31.3449,

5.2977

■ 68.2302, -27.1098,
4.5982

■ 69.4566, -22.2136,
4.1180

■ 70.8783, -16.6907,
3.8640

■ 72.4942, -10.5870,
3.8380

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.6386, -34.6079, 26.2257



64.6373, -42.7238, 11.4374



64.6386, -41.5289, -12.2938

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6386, -42.7242, 11.4380



64.6386, 12.1075, -53.2143



64.6386, 29.7470, 28.5802

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.6373, -42.7238, 11.4374



34.5128, 59.6062, 18.3796

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.6386, 46.1797, 16.1310



64.6373, -42.7238, 11.4374



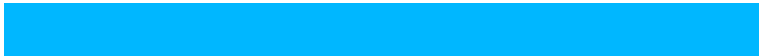
64.6386, 35.0159, -32.4789

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.6386, -42.7242, 11.4380



64.6386, -12.1286, -55.9321



64.6386, 48.2373, -5.5503



64.6386, 5.7070, 33.4370

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.6373, -42.7238, 11.4374



64.6386, -35.5628, -30.4408



64.6386, 48.2373, -5.5503



64.6386, 36.4847, 25.4099

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.6386, -42.7242, 11.4380



93.3969, -30.2357, 5.5668



63.2902, -51.9357, 38.0892



42.8703, -15.3351, 2.6893

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.6386, -42.7242, 11.4380



86.9746, -57.6459, 15.7303



48.8409, -12.7472, -33.5276



33.7482, -4.7349, 1.7868



51.8252, -34.1698, 8.9858



10.8171, -6.8324, 1.2288

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.5128, 59.6062, 18.3796



46.4166, 80.1040, 25.2330



37.7064, 47.6599, 24.0678



31.8014, 1.3847, 1.8611



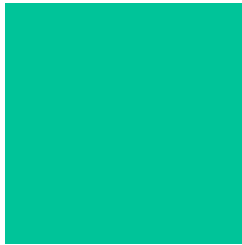
27.6832, 47.8520, 14.4486



5.8460, 10.2841, 1.6639

Previews

White Background



This preview shows how the HunterLab color 64.6373, -42.7238, 11.4374 looks on a white background.

Color Contrast Check

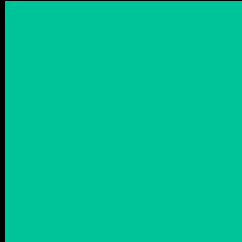
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 64.6373, -42.7238, 11.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

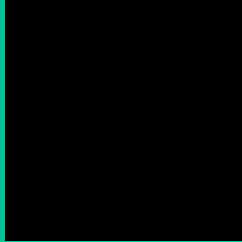
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

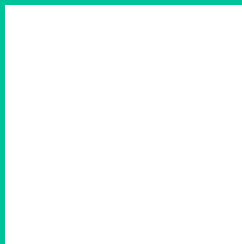
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.6373, -42.7238, 11.4374 Background



This preview shows how black text looks on a background with the HunterLab color 64.6373, -42.7238, 11.4374.



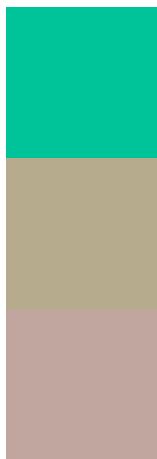
This preview shows how white text looks on a background with the HunterLab color 64.6373, -42.7238, 11.4374.

-42.7238, 11.4374.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.6373, -42.7238, 11.4374

Protanopia

64.0265, -4.2604, 16.0432

Deuteranopia

64.1467, 4.5429, 8.8667



Tritanopia

64.6119, -27.3702, -13.0870

Trichromacy



Original Color

64.6373, -42.7238, 11.4374



Protanomaly

61.9676, -25.9604, 12.0991



Deuteranomaly

61.7167, -21.3054, 7.0125



Tritanomaly

64.5239, -34.2309, -3.0157

Monochromacy



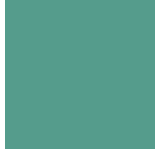
Original Color

64.6373, -42.7238, 11.4374



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

52.5373, -22.7369, 3.9753

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6373, -42.7238, 11.4374 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 196, 153)` looks like.

```
.text, #text, p{  
  color:rgb(0, 196, 153)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 196, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6373, -42.7238, 11.4374 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 196, 153) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(0, 196, 153) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(0, 196, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6373, -42.7238, 11.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 153) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 196,  
153) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor